

Sub
51
4. (Amended) An imaging apparatus for generating an image signal from incident light with higher spatial frequencies of said incident light limited to reduce undersampling artifacts, said apparatus comprising:

an image sensor for generating the image signal from an array of photosites; [and]

an optical section having a birefringent uniaxial crystal [optical] spatial filter interposed in a path of the incident light which removes a portion of said high spatial frequencies in said incident light to produce a blurred image on said photosites, said birefringent uniaxial crystal optical filter being Lithium Tantalate[.] ; and 112

wherein said spatial filter is comprised of a first plane plate and at least a second plane plate of lithium niobate.

5. (Amended) An imaging apparatus as in Claim 1 wherein an angle between an optical axis of said spatial [filter] filters and a line normal to a filter facet is 37.85°.

15. (Amended) An imaging apparatus as in claim [7] 1, wherein said second plate comprises a plane which is tilted at a 45° angle to a plane of said first plate.

Please add new claims ~~16~~ and 17 as follows:

¹⁷
~~16~~. An imaging apparatus as in claim 1 wherein a thickness of said first plate is equal to a thickness of said second plate.

¹⁸
~~17~~. An imaging apparatus as in claim 1 wherein a thickness of said first plate is not equal to a thickness of said second plate.--

REMARKS

Claims 2, 3, 6-9, 14 and 16 having been canceled, and new claims 16 and 17 having been added, the claims pending in the application are 1, 4, 5, 7, 10-13 and 15-17.